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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/584,112

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Hideo Yamada

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IP DEPARTMENT  
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EXAMINER

WANG, JACK K

ART UNIT

PAPER NUMBER

2612

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PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

<b>Office Action Summary</b>	<b>Application No.</b> 10/584,112	<b>Applicant(s)</b> YAMADA ET AL.	
	<b>Examiner</b> JACK WANG	<b>Art Unit</b> 2612	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 10 December 2008.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 10-29 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 10-19 is/are allowed.
- 6) ☒ Claim(s) 20-29 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All    b) ☐ Some \*    c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)            | 4) <input type="checkbox"/> Interview Summary (PTO-413)           |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)   | Paper No(s)/Mail Date. _____                                      |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date <u>12/10/2008</u> .  | 6) <input type="checkbox"/> Other: _____                          |

## **DETAILED ACTION**

### ***Response to Arguments***

1. Applicant's arguments, see Remarks/Arguments, filed 12/10/2008, with respect to Abstract have been fully considered and are persuasive. The Objection of Abstract has been withdrawn.
2. Applicant's arguments, see Remarks/Arguments, filed 12/10/2008, with respect to Double Patenting have been fully considered and Terminal Disclaimer has been approved. The Rejection of Double Patenting has been withdrawn.

### ***Claim Rejections - 35 USC § 102***

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

4. Claims 20-21, and 23-28 are rejected under 35 U.S.C. 102(e) as being anticipated by Bramblet et al. (Pub # US 2004/0017929 A1).

Consider claim 20, Bramblet et al. clearly show and discloses an indicator control system with a camera section comprising: at least one camera section (12 and 14, Fig. 1); a monitor section (video display) (28, Fig. 1) capable of displaying at least one of measurement data and image data; switching means (video switch) (50, Fig. 2) for directing said monitor section to

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display at least one of said measurement data and said image data; an alarm section (26, Fig. 1) for generating an alarm; an alarm judging means (object identification processor) (58, Fig. 2) for judging whether or not said measurement data corresponds to a predetermined alarm standard; and an alarm control means (alarm and system controller) (64, Fig. 2) for activating said alarm section when said alarm judging means judges that said alarm is necessary, wherein said monitor section (video display) (28, Fig. 1) is capable of displaying image data indicative of said alarm.

Consider claim 21, Bramblet et al. clearly show and discloses an indicator control system with a camera section comprising: at least one camera section (12 and 14, Fig. 1) for capturing and transmitting image data; at least one sensor for capturing and transmitting measurement data [0096 lines 1-6]; a monitor section (video display) (28, Fig. 1) capable of displaying at least one of said measurement data and said image data; switching means (video switch) (50, Fig. 2) for directing said monitor section to display at least one of said measurement data and said image data; an alarm section (26, Fig. 1) for generating an alarm; an alarm judging means (object identification processor) (58, Fig. 2) for judging whether or not said measurement data corresponds to a predetermined alarm standard; and an alarm control means (alarm system controller) (64, Fig. 2) for activating said alarm section when said alarm judging means judges that said alarm is necessary, wherein said monitor section (video display) (28, Fig. 1) is capable of displaying image data indicative of said alarm.

Consider claim 23, Bramblet et al. clearly show and discloses the indicator control system with a camera section, wherein said alarm section is capable of generating a plurality of alarm patterns (audible and visible) [0021 lines 1-5].

Consider claim 24, Bramblet et al. clearly show and discloses the indicator control

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system with a camera section, wherein each of said alarm patterns corresponds to a predetermined alarm event [0085 lines 1-10].

Consider claim 25, Bramblet et al. clearly show and discloses the indicator control system with a camera section, wherein said alarm control means activates a predetermined alarm pattern by means of blinking or sound when said monitor section displays said measurement data [0021 lines 1-5].

Consider claim 26, Bramblet et al. clearly show and discloses the indicator control system with a camera section, wherein said alarm control means activates a predetermined alarm pattern by means of blinking or sound when said monitor section displays said image data [0021 lines 5-9].

Consider claim 27, Bramblet et al. clearly show and discloses the indicator control system with a camera section, wherein said switching means can be operated at least one of manually and automatically [0058 lines 3-8].

Consider claim 28, Bramblet et al. clearly show and discloses the indicator control system with a camera section, wherein said camera section is capable of being controlled remotely [0046 lines 8-9].

### ***Claim Rejections - 35 USC § 103***

5. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

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6. Claim 22 is rejected under 35 U.S.C. 103(a) as being unpatentable over Bramblet et al. (Pub # US 2004/0017929 A1) as applied to claim 20 above, and further in view of Kajita et al. (EP 0976879 B1).

Consider claim 22, Bramblet et al. teaches the indicator control system with a camera section (12 and 14, Fig. 1), except wherein said measurement data includes at least one of fuel data, oil temperature data, and water temperature data.

In the same field of endeavor, Kajita et al. teaches the measurement data includes at least one of fuel data, oil temperature data, and water temperature data [0032 lines 6-10] for the benefit of monitoring oil temperature to prevent system overheat.

Therefore, it would have been obvious to a person of ordinary skill in the art at the time the invention was made to include the measurement data includes at least one of fuel data, oil temperature data, and water temperature data as shown in Kajita et al. in Bramblet et al. device for the benefit of monitoring oil temperature to prevent system overheat.

7. Claim 29 is rejected under 35 U.S.C. 103(a) as being unpatentable over Bramblet et al. (Pub # US 2004/0017929 A1) as applied to claim 20 above, and further in view of Maekawa (US Patent # 5,838,250).

Consider claim 29, Bramblet et al. teaches the indicator control system with a camera section, except wherein said camera section has an orientation, a focus function, and a zoom function and said orientation, said focus function, and said zoom function are capable of being controlled remotely.

In the same field of endeavor, Maekawa teaches the camera section has an orientation, a

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focus function, and a zoom function and said orientation, said focus function, and said zoom function are capable of being controlled remotely (Column 4 lines 46-54) for the benefit of providing closer image of monitored area.

Therefore, it would have been obvious to a person of ordinary skill in the art at the time the invention was made to include the camera section has an orientation, a focus function, and a zoom function and said orientation, said focus function, and said zoom function are capable of being controlled remotely as shown in Maekawa, in Bramblet et al. device for the benefit of providing closer image of monitored area.

#### ***Allowable Subject Matter***

8. Claims 10-19 are allowed.

#### ***Conclusion***

9. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

- a. Swannie (Pub # US 2005/0104322 A1) "Trailer hitch mounted reverse sensing system".
- b. Obradovich (Pub # US 2005/0080528 A1) "Centralized control and management system for automobiles".
- c. Mizui et al. (Pub # US 2004/0198254 A1) "Mobile body communication device".

Any inquiry concerning this communication or earlier communications from the

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examiner should be directed to JACK WANG whose telephone number is (571)272-1938. The examiner can normally be reached on M-F 8:00AM - 5:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Daniel Wu can be reached on 571-272-2964. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/JKW/

/Daniel Wu/  
Supervisory Patent Examiner, Art Unit 2612